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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: DIANE M. LANDERS et al. )  
SERIAL NO.: 10/075,804 ) Group Art Unit: 2123  
FILED: October 24, 2001 ) Examiner: E. G. Otero  
FOR: AUTOMATED HORIZONTALLY ) Confirmation No. 8712  
STRUCTURED MANUFACTURING )  
PROCESS DESIGN MODELING )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

In response to the Office Action mailed May 21, 2004 and Office Communication of September 01, 2004 with regard to the above referenced Patent Application, Applicants request reconsideration of the claims in view of the following amendments and remarks.

**AMENDMENT TRANSMITTAL LETTER (Large Entity)**Applicant(s): **DIANE M. LANDERS ET AL.**

Docket No.

**DP-301830/DE3-0209**

Application No.

**10/075,804**

Filing Date

**10/24/2001**

Examiner

**E.G. OTERO**

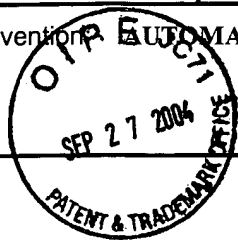
Customer No.

**23413**

Group Art Unit

**2123**

Confirmation No.

**8712**Invention: **AUTOMATED HORIZONTALLY STRUCTURED MANUFACTURING PROCESS DESIGN MODELING****COMMISSIONER FOR PATENTS:**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	187 -	187 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	5 -	5 =	0 x	\$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account **06-1130**
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.
- ☐ Payment by credit card. Form PTO-2038.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Signature

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Dated: **September 24, 2004**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on 9/24/04.

(Date)

Signature of Person Mailing Correspondence

**9/24/2004 Noelle T. Erickson**

Typed or Printed Name of Person Mailing Correspondence

CC: